

Arkansas HazMat Weekend Course Descriptions

Friday September 11, 2015 and Saturday September 12, 2015

Technician Skills (8 hours) 0800-1700 both days This on-site course will focus on the skills necessary to be a Hazardous Materials Technician. This includes the review of suit care, sizing, and PPE considerations. There will be hands-on practical evolutions, Chlorine B kit, stopping leaks. Participants will work on manipulating an SCBA inside the suit and breathing suit air. Teams will work through an obstacle course that requires them to manipulate the SCBA, breathe suit air, fall into a pool, and then construct a pipe arrangement. The purpose of this class is to help people get in-suit training, gain confidence of operating in difficult areas, and overcome challenges in a fun environment.

Operations Skills (8 hours) 0800-1700 both days This on-site course will teach the operations level personnel how to integrate into a technician level response. We will learn how to support the technicians as they make an entry in Level A PPE.

- ICS Forms - what is needed and how to start filling them out.
- Setting Zones – Hot, Warm and Cold.
- What information is needed by the technicians
- Decontamination lines - what is needed and where.
- What tools will the techs need
- How to help don and doff the Level A suits.
- What amount of rehab is needed
- What is needed to terminate the incident when it is over

When we finish the morning class we will integrate with the technician class for an afternoon of exercises and use the skills and knowledge from the morning class.

Toxicity 101 (4 hours) 1300-1700 both days This on-site course will cover basic concepts and principles of toxicology which will be of use to hazardous materials technicians, fire fighters and other first responders. Topics will include a brief description of what toxicology is as well as basic information on the key concept in toxicology: dose response. The course will include an introduction to occupational exposure limits, what those values mean, where responders may encounter them and how they can be used to address the safety of responders at a chemical release event. The course will also include an overview of chemical hazard ranking systems and components of safety data sheets which first responders should be familiar with. Lastly, the course will include some examples of chemical release emergencies which ties all this information together. Participants in this course will gain a basic understanding of toxicology in general and how toxicology principles are used in the context of chemical release emergencies.

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Suicide by Haz Mat (4hours) 1300-1700 both days This on-site course is designed to look at least three hazardous materials that can be used for the purpose of taking one's own life. The participants will discuss the possibilities of using a hazardous material and the ease of obtaining these materials. Early recognition of the scene being a Haz-Mat incident is essential in maintaining responder safety. The participants will be introduced to the methods of delivery and effects that these materials are used and what they do to the human body when a contamination occurs.

CPC Selection (4hours) 0800-1200 both days This on-site course will teach the selection of chemical protective clothing when there are no recommendations. Looking at a chemicals, chemical and physical properties, health hazards, and fire and explosion hazards to determine what type and level of protective clothing to wear.

Rail Incidents (4hours) 0800-1200 both days This on-site course looks at actions to be considered in the first 20 minutes of a response. What level of training does the response organization maintain? What type of actions will be required, offensive, defensive, or non-intervention?